

## INTERNATIONAL SEARCH REPORT

Int. .... nal Application No

PCT/IB 03/05935

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H02K41/03 H01J37/317 H01J37/20 H01L21/68 G03F7/20  
 G03F9/00 H02K11/00 F16C39/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L G03F H02K F16C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	PATENT ABSTRACTS OF JAPAN vol. 016, no. 322 (E-1233), 14 July 1992 (1992-07-14) -& JP 04 094104 A (EBARA CORP), 26 March 1992 (1992-03-26) abstract; figures 1-5 -----	1,2,5,7, 11,12
Y	EP 0 342 639 A (PERKIN ELMER CORP) 23 November 1989 (1989-11-23) column 3 - column 6 -----	1,2,5,7, 11,12
A	EP 0 473 231 A (PHILIPS NV) 4 March 1992 (1992-03-04) column 4, line 44 - column 5, line 5 -----	1,2
A	EP 1 001 512 A (ASM LITHOGRAPHY BV) 17 May 2000 (2000-05-17) paragraph [0004] - paragraph [0019] ----- -/-	1,7,11

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance  
 "E" earlier document but published on or after the international filing date  
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  
 "O" document referring to an oral disclosure, use, exhibition or other means  
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

19 August 2004

Date of mailing of the international search report

21. 10. 2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax: (+31-70) 340-3016

Authorized officer

Groen, F

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/05935

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 261 768 A (LOUCKS CLIFFORD S ET AL) 16 November 1993 (1993-11-16) figure 4	1,2,11
A	----- US 6 353 271 B1 (WILLIAMS MARK E) 5 March 2002 (2002-03-05) column 4 - column 8; figure 10 -----	1,2,5,7, 11,12

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/05935

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 04094104	A	26-03-1992	JP 2752777 B2	18-05-1998
EP 0342639	A	23-11-1989	US 4952858 A	28-08-1990
			CA 1304173 C	23-06-1992
			DE 68925233 D1	08-02-1996
			DE 68925233 T2	15-05-1996
			EP 0342639 A2	23-11-1989
			JP 2035709 A	06-02-1990
			JP 2871722 B2	17-03-1999
EP 0473231	A	04-03-1992	NL 9001909 A	16-03-1992
			EP 0473231 A1	04-03-1992
			JP 4245407 A	02-09-1992
			US 5264982 A	23-11-1993
EP 1001512	A	17-05-2000	EP 1001512 A2	17-05-2000
			JP 2000201471 A	18-07-2000
			KR 2000047607 A	25-07-2000
			TW 526630 B	01-04-2003
			US 6710353 B1	23-03-2004
			US 2004095217 A1	20-05-2004
US 5261768	A	16-11-1993	NONE	
US 6353271	B1	05-03-2002	NONE	